

Hack

Progress Presentation 2

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HIGHLIGHT

- Had meeting with Dr. Rawat to receive help on project
- Able to identify the tools need for project
- Started Working on Raspberry Pi Car

LOWLIGHT

- Way behind schedule in everything , but on the right track

Stealing A Signal



- Allows us to demonstrate one of many ways that hacking can be done to intrude with a vehicle
- Will identify hardware security measure that will allow for the device to not work
- We will note our findings



Risk MANAGEMENT

Rank	Risks	Approach
1.	Late in the process	Try to improve everyday
2.	Learning the software	Doing lot of research
3.	Don't have the device yet	Study the software in the meanwhile.



Summary

- .Capture the signal triggered by a car key.
 - North America made cars have 315Mhz
 - European, Asian cars have 433.92Mhz
- .Decode that signal.
 - . Using HackRF GNU software.
- .Use that decoded signal to control the output.

Activities For March

Order the HackRF One

Obi



Practice the Coding required to perform the demonstration

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Isaac



Perform the demonstration after Spring Break

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Isaac